Special Issue

Fatigue and Aging Degradation of Polymeric Materials

Message from the Guest Editor

The development of polymer engineering, the search for new, innovative materials with often programmable properties has resulted in the expansion of the area of their application, especially in the transport, construction, military, packaging and medical industries. The application of new polymeric materials often requires a synergistic solution, combining a number of mechanical, electrical, thermal, requiring specific model approach. In this approach, the knowledge of exploitation characteristics resulting from the aging and fatigue degradation of polymeric materials is also important. Qualitative and quantitative defined degradation processes is important for both construction design and safe exploitation. The aim of this Special Issue is to exchange information about changes in the characteristics of polymeric materials and their composites during exploitation. Particular emphasis will be placed on assessing the impact of degradation factors on the exploitation properties of the tested materials and defining the mechanisms of their destruction using non-destructive testing methods.

Guest Editor

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Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Alexander Böker
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